

ABSTRACT

It is an object to provide a control system wherein a system configuration can be changed in a short time. To do this, the invention adds improvement to a control system established through a network. The control system includes: a plurality of system component nodes each having a communication section for generating a unique global address by the system component node itself upon connection to the network, and for transmitting the generated global address, attribute information of the system component node and installation position information of the system component node, to the network; and a management node for monitoring and operating the system component nodes through the network and managing control of the whole control system, wherein the management node includes: a communication section for performing communication through the network; a storage section for storing definition information of the system component nodes; a display section for displaying an operation and monitor screen; a definition information generation section for generating definition information based on the global address, the attribute information and the position information which are acquired through the network, and for storing the definition information in the storage section; a screen generation section for making the display section display the operation and monitor screen of the system

component nodes from the definition information in the storage section; and a control function providing section for reading information defining an operation of the system component node from the storage section, and for outputting the read

5 information to the communication section.